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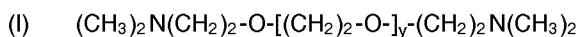
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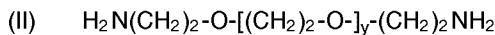
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04.08.93 Bulletin 93/31(84) Designated Contracting States:
DE FR GB(88) Date of deferred publication of the search report:
10.11.93 Bulletin 93/45(71) Applicant: **TEXACO CHEMICAL COMPANY**
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Houston, Texas 77056(US)(72) Inventor: **Zimmerman, Robert LeRoy**
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UROUHART-DYKES & LORD
91 Wimpole Street
London W1M 8AH (GB)(54) **Preparation of tetramethyldiamino-polyoxyethylenes.**

(57) Tetramethyldiamino-polyoxyethylenes having the formula:



wherein y is 1 to 2,
can be produced with high yield and selectivity by
contacting a diamino-polyoxyethylene having the for-
mula:



with formaldehyde, at elevated temperature and
pressure, in the presence of hydrogen and a nickel
or cobalt hydrogenation catalyst, preferably a nickel,
copper, chromium catalyst.

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EUROPEAN SEARCH REPORT

Application Number

EP 93 30 0065,5

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	DE-A-2 009 918 (JEFFERSON CHEMICAL CO.)	1	C07C213/02
Y	* examples 1-3, page 2 - page 5 *	1,4-6	C07C217/08
A,D	US-A-3 249 613 (S. P. BURNS) * column 2, line 10 - line 20; claims *	1-3	
A,D	US-A-3 152 998 (P. H. MOSS) * claims *	2,3	
Y	EP-A-0 297 295 (HOECHST AG) * page 3, line 2 - line 14, line 21 line 26; page 10, line 10 - line 17, page, line 54 - page 5, line 3 *	1,4-6	
A	EP-A-0 297 296 (HOECHST AG) * page 2, line 33 - line 49; page 3, line 30 - 33; page4, line 1 - line 5, claims *	1-6	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C07C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15 SEPTEMBER 1993	Examiner SEUFERT G.H.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			